



PATENT  
ATTORNEY DOCKET NO.: 062614-5001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT APPLICATION of: )  
Yong YAO *et al.* )  
Application No.: 10/087,217 ) Group Art Unit: 1646  
Filed: March 4, 2002 ) Examiner: John D. ULM  
FOR: NOVEL CELL-BASED ASSAYS FOR )  
G-PROTEIN COUPLED RECEPTOR- )  
MEDIATED ACTIVITIES )

Commissioner for Patents  
U.S. Patent and Trademark Office  
**Customer Service Window, Mail Stop AF**  
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401 Dulany Street  
Alexandria, VA 22314

Sir:

**AMENDMENT UNDER 37 C.F.R. § 1.16**

This Reply is responsive to the Office Action dated December 27, 2004. Entry of the following amendments and reconsideration of the claimed subject matter is respectfully requested:

**IN THE CLAIMS:**

1-21 (cancelled)

22. (currently amended) A method of detecting activity of a G protein-coupled receptor (GPCR), comprising:

(a) expressing the GPCR in a cell from an exogenous nucleic acid molecule;